

FIG. 1 (PRIOR ART)

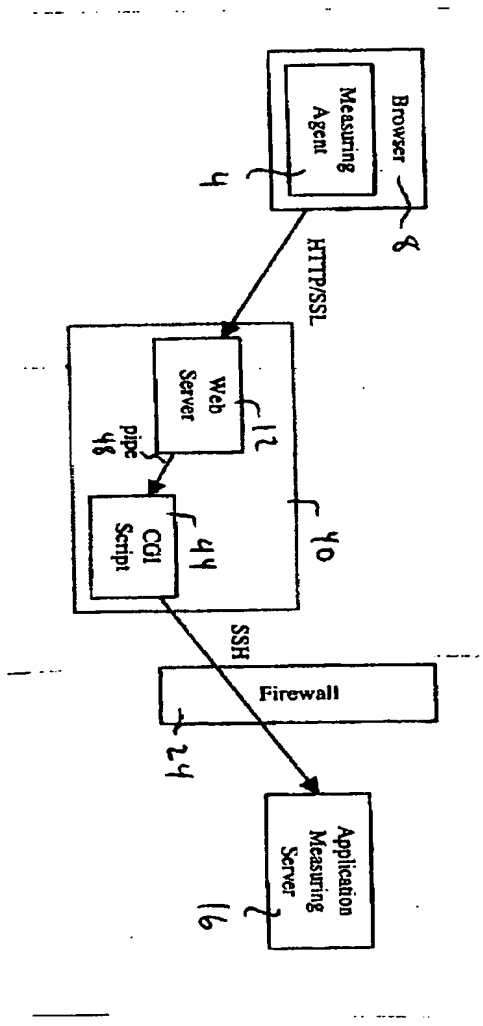


FIG. 2 (PRIOR ART)

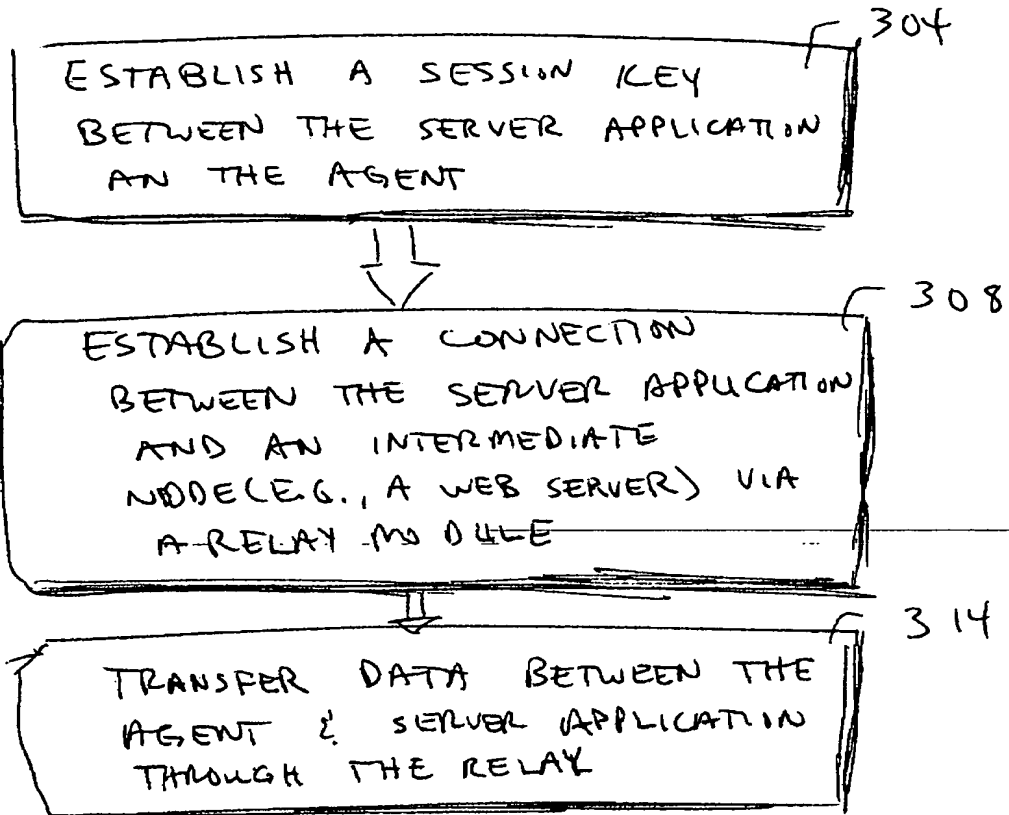


FIG. 3

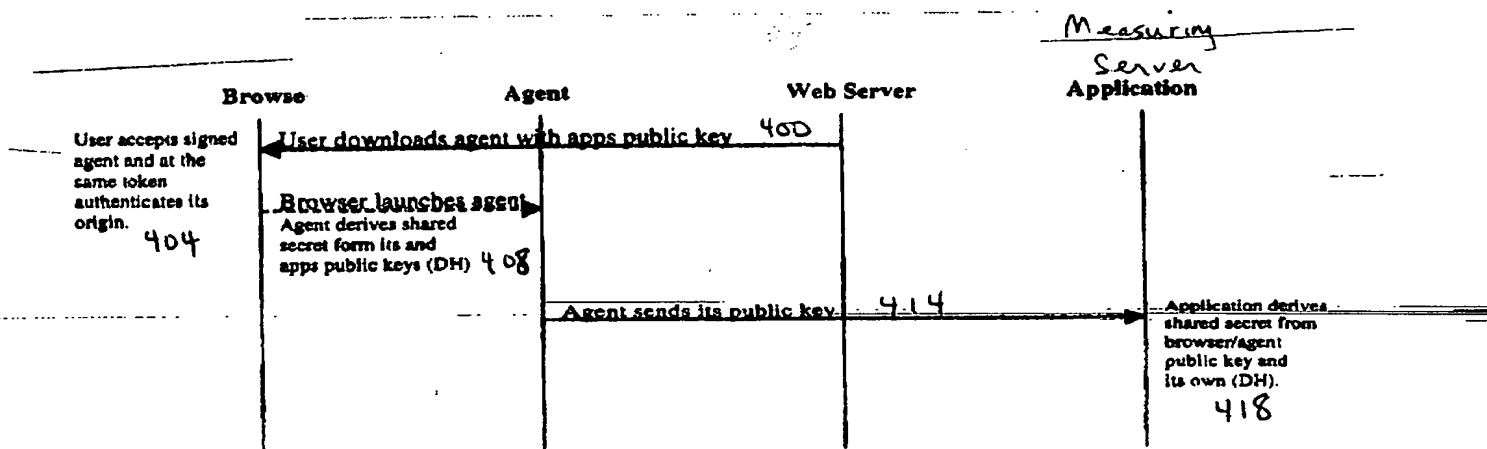


FIG. 4

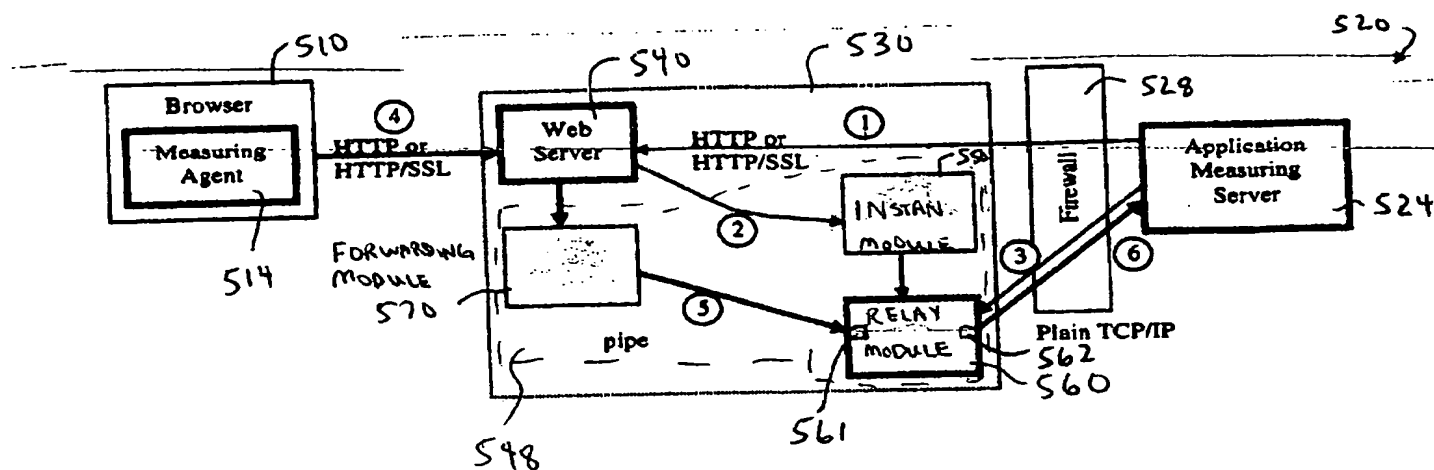


FIG. 5

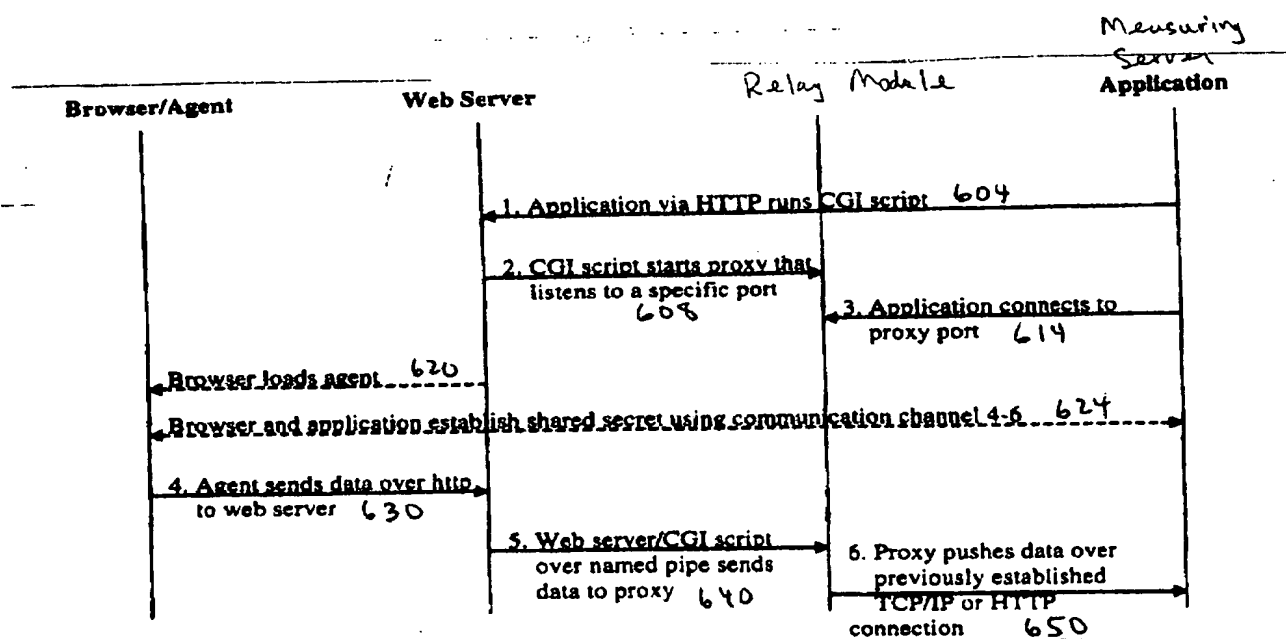


FIG. 6

00592322-061300

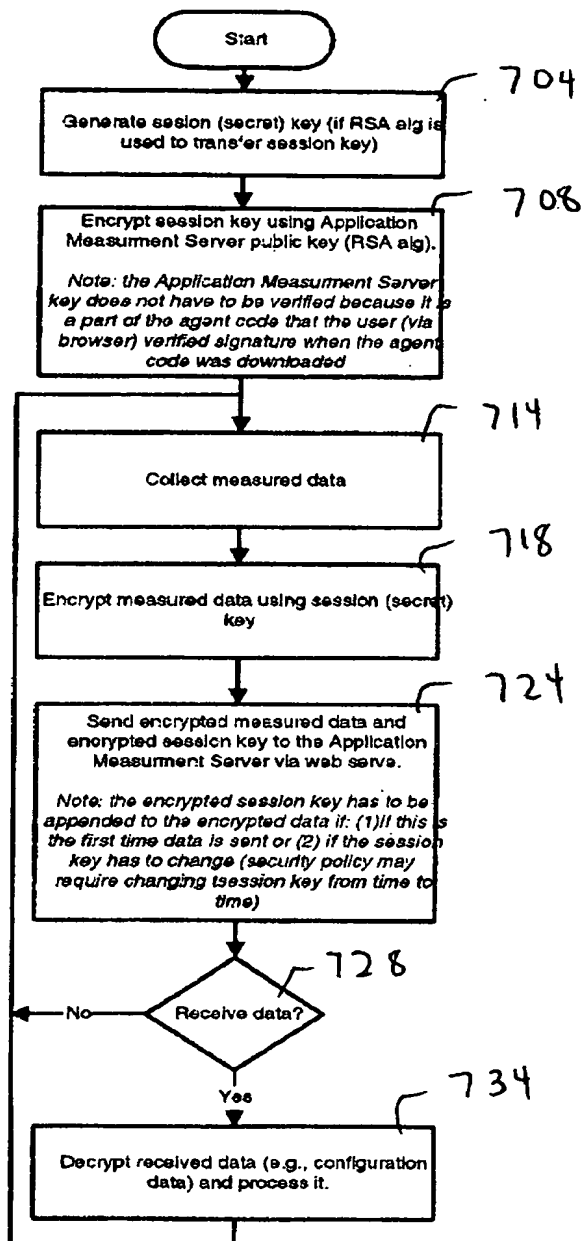


FIG. 7

```
graph TD
    Start([Start]) --> 804[804]
    804[804] --> 808[808]
    808[808] --> 814[814]
    814[814] --> 818{818}
    818 -- Yes --> 824[824]
    818 -- No --> 828[828]
    824[824] --> 828[828]
    828[828] --> 834[834]
    834[834] --> 838[838]
    838[838] --> End([End])
```

The flowchart illustrates the process for receiving and processing data from a Relay Module. It begins with a 'Start' terminal, followed by a process block (804) for instantiating the Relay Module by contacting a web server. This is followed by a process block (808) for connecting to the Relay Module listening on port 562. The next step is a process block (814) for reading data from the connection with the Relay Module. A decision diamond (818) checks if an encrypted session key is included. If 'Yes', the flow proceeds to a process block (824) for retrieving the encrypted session key and decrypting it using a private key (RSA alg). If 'No', the flow proceeds to a process block (828) for sending (writing on the connection to the Relay Module) ACK or encrypted data (e.g., configuration data) to the Measuring Agent. Both paths (824 and 828) lead to a process block (834) for decrypting the read measured data using the session key. The final step is a process block (838) for processing the measured (received) data, which then leads to an 'End' terminal.

FIG. 8

09592322 "051300

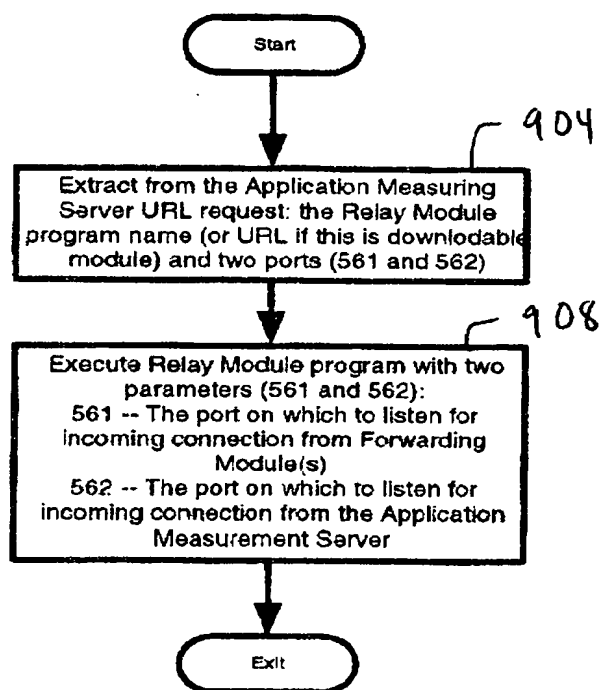


FIG. 9

09502322 061300

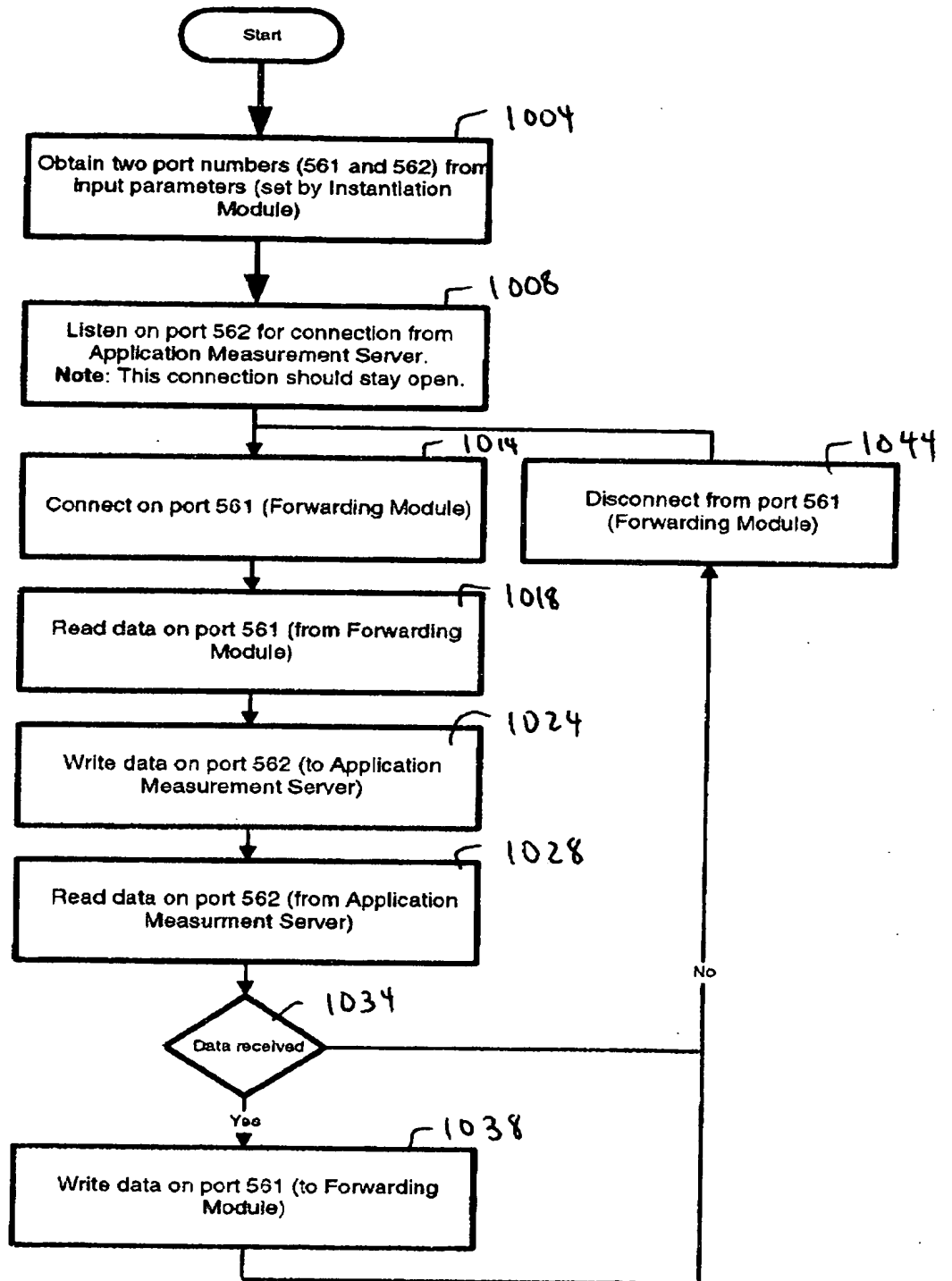


FIG. 10

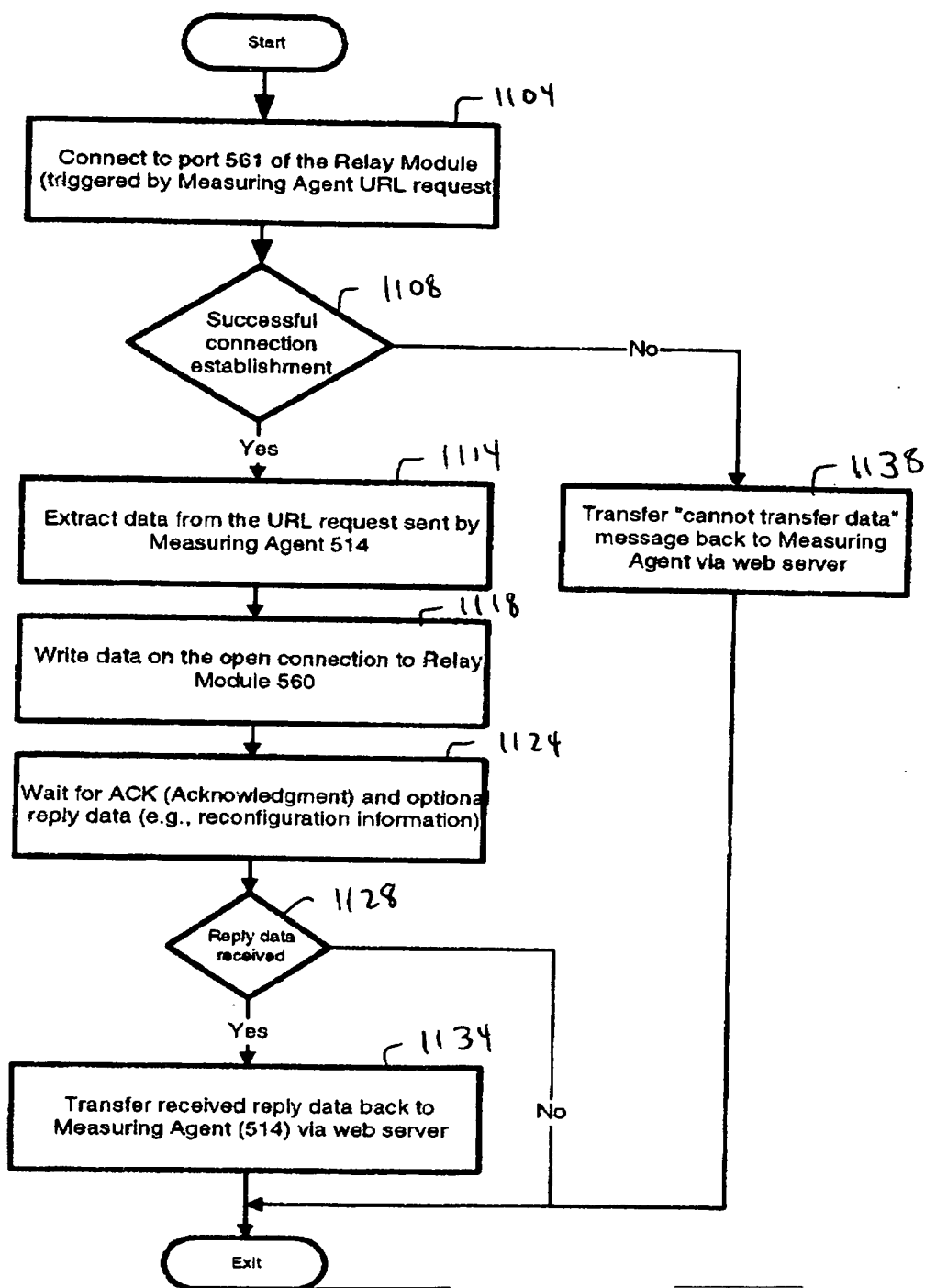


FIG. 11